

IMPROVED SOLID PHARMACEUTICAL DOSAGE
FORMULATION OF HYDROPHOBIC DRUGS

5 Abstract of the Disclosure

A novel solid pharmaceutical dosage formulation of hydrophobic drugs is disclosed, which provides enhanced dissolution and improved bioavailability. The formulation comprises:

a base substrate comprising a first polymer;

10 a deposit, comprising a therapeutic amount of a hydrophobic drug, deposited on the base substrate;

a cover substrate comprising a second polymer, the cover substrate covering the deposit and joined to the base substrate by a bond that encircles the deposit; and

15 a dissolution-enhancing amount of a surfactant, disposed within a carrier that is segregated from, but in contact with, the deposit.

In another embodiment, the dosage form may include any pharmaceutically acceptable additive, disposed within a carrier that is segregated from, but in contact with, the deposit.

In a preferred embodiment, the hydrophobic drug is deposited
20 electrostatically on the base substrate.

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